$$m_{\mathrm{PM}} = \left(\frac{\dfrac{0.43 \cdot V_{\mathrm{ct\text{-}exhstd}}}{V_{\mathrm{ct\text{-}PMstd}} - V_{\mathrm{ct\text{-}dilstd}}} + \dfrac{V_{\mathrm{s\text{-}exhstd}}}{V_{\mathrm{s\text{-}PMstd}} - V_{\mathrm{s\text{-}dilstd}}} + \dfrac{0.57 \cdot V_{\mathrm{ht\text{-}exhstd}}}{V_{\mathrm{ht\text{-}PMstd}} - V_{\mathrm{ht\text{-}dilstd}}}}{3} \right) \cdot \left(m_{\mathrm{PMfil}} - m_{\mathrm{PMbkgnd}} \right)$$

Eq. 1066.605-5